#6
DMT
5-16-01

BATCH

ENTERED

RAW SEQUENCE LISTING   DATE: 03/29/2001
PATENT APPLICATION: US/09/665,728   TIME: 10:39:11

Input Set : A:\SCIOS.txt
Output Set: N:\CRF3\03292001\I665728.raw

```
 4 <110> APPLICANT: Stanton, Lawrence W.
 5         Kapoun, Ann Marie
 7 <120> TITLE OF INVENTION: SECRETED FACTORS
11 <130> FILE REFERENCE: SCIOS.013A
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/665,728
C--> 13 <141> CURRENT FILING DATE: 2000-09-20
13 <150> PRIOR APPLICATION NUMBER: 60/156,277
14 <151> PRIOR FILING DATE: 1999-09-27
16 <160> NUMBER OF SEQ ID NOS: 19
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 275
22 <212> TYPE: PRT
23 <213> ORGANISM: Rattus norvegicus
25 <400> SEQUENCE: 1
26 Met Thr Pro Arg Ala Gln Leu Leu Pro Leu Leu Leu Ala Thr Tyr Thr
27  1               5                  10                  15
28 Val Val Ala Ala Ala Val Thr Ser Asp Glu Pro Thr Lys Thr Leu Ser
29              20                  25                  30
30 Pro Ala Thr Gly Asp Ala Thr Leu Ala Phe Val Phe Asp Val Thr Gly
31          35                  40                  45
32 Ser Met Trp Asp Asp Leu Met Gln Val Ile Asp Gly Ala Ser Arg Ile
33      50                  55                  60
34 Leu Glu Arg Ser Leu Ser Ser Arg Ser Arg Val Ile Ala Asn Tyr Ala
35 65                  70                  75                  80
36 Leu Val Pro Phe His Asp Pro Asp Ile Gly Pro Val Thr Leu Thr Ala
37              85                  90                  95
38 Asp Pro Val Val Phe Gln Arg Glu Leu Arg Gln Leu Tyr Val Gln Gly
39              100                 105                 110
40 Gly Gly Asp Cys Pro Glu Met Ser Val Gly Ala Ile Lys Ala Ala Val
41          115                 120                 125
42 Glu Val Ala Asn Pro Gly Ser Phe Ile Tyr Val Phe Ser Asp Ala Arg
43      130                 135                 140
44 Ala Lys Asp Tyr His Lys Lys Asn Glu Leu Leu Gln Leu Leu Gln Leu
45 145                 150                 155                 160
46 Lys Gln Ser Gln Val Val Phe Val Leu Thr Gly Asp Cys Gly Asp Arg
47              165                 170                 175
48 Thr His Pro Gly Tyr Leu Ala Phe Glu Glu Ile Ala Ser Thr Ser Ser
49              180                 185                 190
50 Gly Gln Val Phe Gln Leu Asp Lys Gln Gln Val Ser Glu Val Leu Lys
51          195                 200                 205
52 Trp Val Glu Ser Ala Ile Gln Ala Ser Lys Val His Leu Leu Ser Ala
53      210                 215                 220
54 Asp His Glu Glu Glu Gly Glu His Thr Trp Arg Ile Pro Phe Asp Pro
55 225                 230                 235                 240
56 Ser Leu Lys Glu Val Thr Ile Ser Leu Ser Gly Pro Gly Pro Glu Ile
57          245                 250                 255
```

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```
58 Glu Val Arg Asp Pro Leu Gly Met Ser Gln Gly Ser Pro Pro Leu Leu
59           260                 265                 270
60 Met Gln Asp
61           275
64 <210> SEQ ID NO: 2
65 <211> LENGTH: 1031
66 <212> TYPE: DNA
67 <213> ORGANISM: Rattus norvegicus
69 <220> FEATURE:
70 <221> NAME/KEY: CDS
71 <222> LOCATION: (96)...(920)
73 <400> SEQUENCE: 2
74 tctagcgaac cccttcggcc cgctagagcg agactgcact gccatctatc cctgcgacct  60
75 gcgcgtccca ttagggctgc agcctccggc tcagc atg acg cct agg gcg cag     113
76                                         Met Thr Pro Arg Ala Gln
77                                          1               5
79 ctc ctg ccg ctg ctc ctg gcg acc tac aca gta gtg gcg gcg gcg gtc   161
80 Leu Leu Pro Leu Leu Leu Ala Thr Tyr Thr Val Val Ala Ala Ala Val
81           10                  15                  20
83 aca tct gat gag ccc acg aag acg ctg tcc ccc gcc aca gga gac gcc   209
84 Thr Ser Asp Glu Pro Thr Lys Thr Leu Ser Pro Ala Thr Gly Asp Ala
85           25                  30                  35
87 acc ctg gcc ttc gtc ttc gat gtc acc ggc tcc atg tgg gac gat ctg   257
88 Thr Leu Ala Phe Val Phe Asp Val Thr Gly Ser Met Trp Asp Asp Leu
89       40                  45                  50
91 atg cag gtg atc gac ggc gcc tca cgc att ctg gag cgc agt ctg agc   305
92 Met Gln Val Ile Asp Gly Ala Ser Arg Ile Leu Glu Arg Ser Leu Ser
93 55                  60                  65                  70
95 agc cgc agc cgg gtc atc gcc aac tat gcg ctg gtg cct ttc cac gac   353
96 Ser Arg Ser Arg Val Ile Ala Asn Tyr Ala Leu Val Pro Phe His Asp
97               75                  80                  85
99 cca gac att ggc cca gtg acc ctc acg gcg gac cca gtg gtg ttt cag   401
100 Pro Asp Ile Gly Pro Val Thr Leu Thr Ala Asp Pro Val Val Phe Gln
101             90                  95                  100
103 aga gag ctg aga caa ctc tat gtt cag gga ggt ggt gac tgc cca gaa   449
104 Arg Glu Leu Arg Gln Leu Tyr Val Gln Gly Gly Gly Asp Cys Pro Glu
105             105                 110                 115
107 atg agt gtg ggg gcc atc aag gct gcc gtg gag gtt gcc aac ccc ggc   497
108 Met Ser Val Gly Ala Ile Lys Ala Ala Val Glu Val Ala Asn Pro Gly
109       120                 125                 130
111 tcc ttc atc tac gtc ttc tcg gat gcc cgt gcc aag gac tac cac aag   545
112 Ser Phe Ile Tyr Val Phe Ser Asp Ala Arg Ala Lys Asp Tyr His Lys
113 135                 140                 145                 150
115 aag aat gag ctc ctg cag ctc ctg cag ctg aag cag tcg cag gtg gtc   593
116 Lys Asn Glu Leu Leu Gln Leu Leu Gln Leu Lys Gln Ser Gln Val Val
117                 155                 160                 165
119 ttc gtg ctg act ggg gac tgc ggt gac cgc acc cac cct ggc tac ctg   641
120 Phe Val Leu Thr Gly Asp Cys Gly Asp Arg Thr His Pro Gly Tyr Leu
121             170                 175                 180
```

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```
123 gct ttt gag gag atc gcc tcc acc agt tct ggc caa gtg ttc cag ctg   689
124 Ala Phe Glu Glu Ile Ala Ser Thr Ser Ser Gly Gln Val Phe Gln Leu
125         185                 190                 195
127 gac aag cag cag gtg tcg gag gtg tta aag tgg gtg gag tcc gcc atc   737
128 Asp Lys Gln Gln Val Ser Glu Val Leu Lys Trp Val Glu Ser Ala Ile
129     200                 205                 210
131 cag gcc tcc aaa gtt cat ctg ctg tca gca gac cac gag gag gag ggc   785
132 Gln Ala Ser Lys Val His Leu Leu Ser Ala Asp His Glu Glu Glu Gly
133 215                 220                 225                 230
135 gaa cac aca tgg aga atc cct ttt gac ccc agc ttg aag gaa gtc acc   833
136 Glu His Thr Trp Arg Ile Pro Phe Asp Pro Ser Leu Lys Glu Val Thr
137                 235                 240                 245
139 atc tca ctg agc ggg cca ggg cct gag atc gaa gtc cgg gac cca ctg   881
140 Ile Ser Leu Ser Gly Pro Gly Pro Glu Ile Glu Val Arg Asp Pro Leu
141             250                 255                 260
143 ggt atg tcc cag ggt tca cct cct ctt ctg atg caa gac tgagctggaa   930
144 Gly Met Ser Gln Gly Ser Pro Pro Leu Leu Met Gln Asp
145         265                 270                 275
147 ggccaggctg aggcgatgga aggaggggcc tgaggagatg gctcagccaa taaaatgtct 990
148 gcctcacaca aaaaaaaaaa aagcccggct cgagcggccg c                    1031
150 <210> SEQ ID NO: 3
151 <211> LENGTH: 25
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: synthetic
158 <400> SEQUENCE: 3
159 cgtatgttgt gtggaattgt gagcg                                        25
161 <210> SEQ ID NO: 4
162 <211> LENGTH: 25
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: synthetic
169 <400> SEQUENCE: 4
170 gatgtgctgc aaggcgatta agttg                                        25
172 <210> SEQ ID NO: 5、
173 <211> LENGTH: 28
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: synthetic
180 <400> SEQUENCE: 5
181 gccgccagtg tgctggaatt cggctagc                                     28
183 <210> SEQ ID NO: 6
184 <211> LENGTH: 28
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
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RAW SEQUENCE LISTING   DATE: 03/29/2001
PATENT APPLICATION: US/09/665,728   TIME: 10:39:11

Input Set : A:\SCIOS.txt
Output Set: N:\CRF3\03292001\I665728.raw

```
189 <223> OTHER INFORMATION: synthetic
191 <400> SEQUENCE: 6
192 cgaattctgc agatatccat cacactgg                        28
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 25
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: synthetic
202 <400> SEQUENCE: 7
203 ctagagggcc caattcgccc tatag                           25
205 <210> SEQ ID NO: 8
206 <211> LENGTH: 25
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: synthetic
213 <400> SEQUENCE: 8
214 tgagtcgtat tacaattcac tggcc                           25
216 <210> SEQ ID NO: 9
217 <211> LENGTH: 20
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: synthetic
224 <400> SEQUENCE: 9
225 gctcggatcc actagtaacg                                 20
227 <210> SEQ ID NO: 10
228 <211> LENGTH: 18
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: synthetic
235 <400> SEQUENCE: 10
236 tttttttttt tttttttt                                   18
238 <210> SEQ ID NO: 11
239 <211> LENGTH: 25
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: synthetic
246 <400> SEQUENCE: 11
247 cgtatgttgt gtggaattgt gagcg                           25
249 <210> SEQ ID NO: 12
250 <211> LENGTH: 25
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: synthetic
```

```
RAW SEQUENCE LISTING                    DATE: 03/29/2001
PATENT APPLICATION:   US/09/665,728     TIME: 10:39:11

Input Set : A:\SCIOS.txt
Output Set: N:\CRF3\03292001\I665728.raw
```

```
257 <400> SEQUENCE: 12
258 gatgtgctgc aaggcgatta agttg                              25
260 <210> SEQ ID NO: 13
261 <211> LENGTH: 20
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: synthetic
268 <400> SEQUENCE: 13
269 tggccttcgt cttcgatgtc                                    20
271 <210> SEQ ID NO: 14
272 <211> LENGTH: 18
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: synthetic
279 <400> SEQUENCE: 14
280 gccgtcgatc acctgcat                                      18
282 <210> SEQ ID NO: 15
283 <211> LENGTH: 22
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: synthetic
290 <400> SEQUENCE: 15
291 ccggctccat gtgggacgat ct                                 22
293 <210> SEQ ID NO: 16
294 <211> LENGTH: 20
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: synthetic
301 <400> SEQUENCE: 16
302 cggctaccac atccaaggaa                                    20
304 <210> SEQ ID NO: 17
305 <211> LENGTH: 18
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: synthetic
312 <400> SEQUENCE: 17
313 gctggaatta ccgcggct                                      18
315 <210> SEQ ID NO: 18
316 <211> LENGTH: 22
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: synthetic
323 <400> SEQUENCE: 18
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VERIFICATION SUMMARY   DATE: 03/29/2001
PATENT APPLICATION: US/09/665,728   TIME: 10:39:12

Input Set : A:\SCIOS.txt
Output Set: N:\CRF3\03292001\I665728.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date